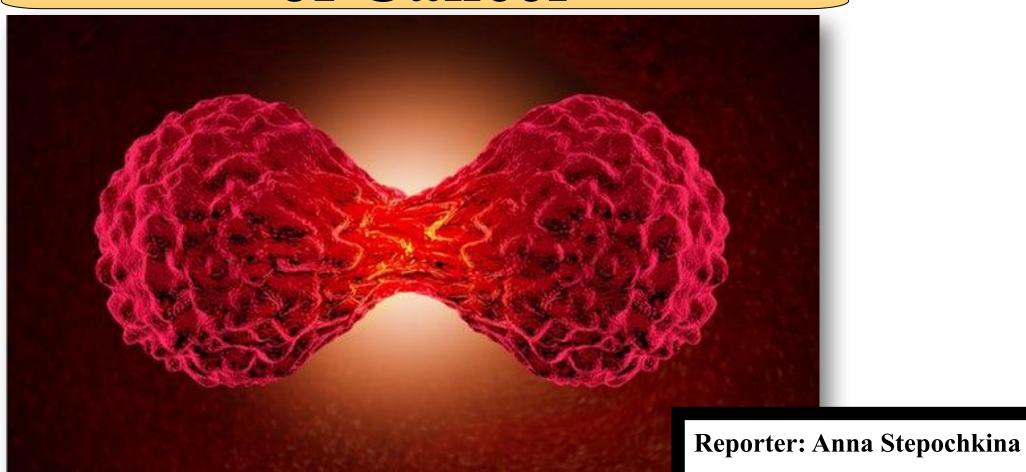
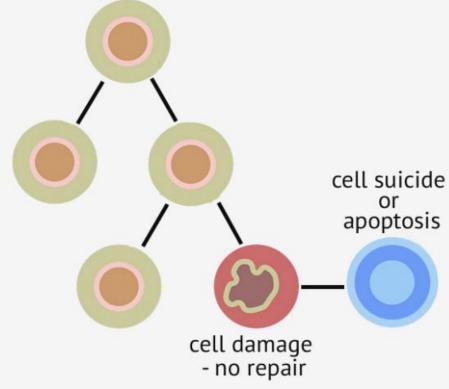
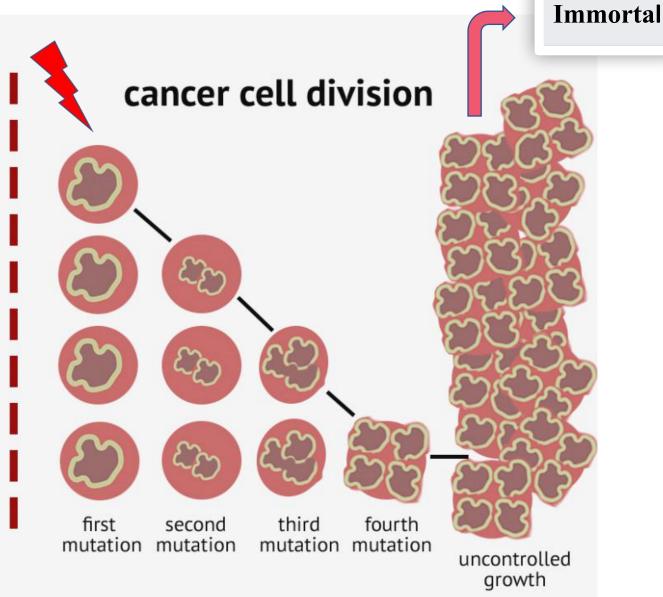
# Unlocking The Mysteries of Cancer



What is cancer?

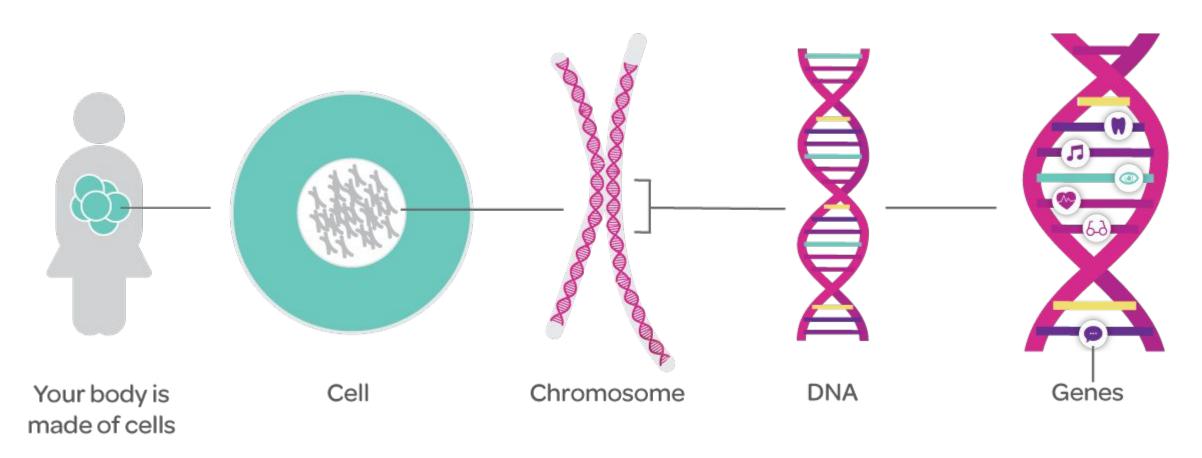


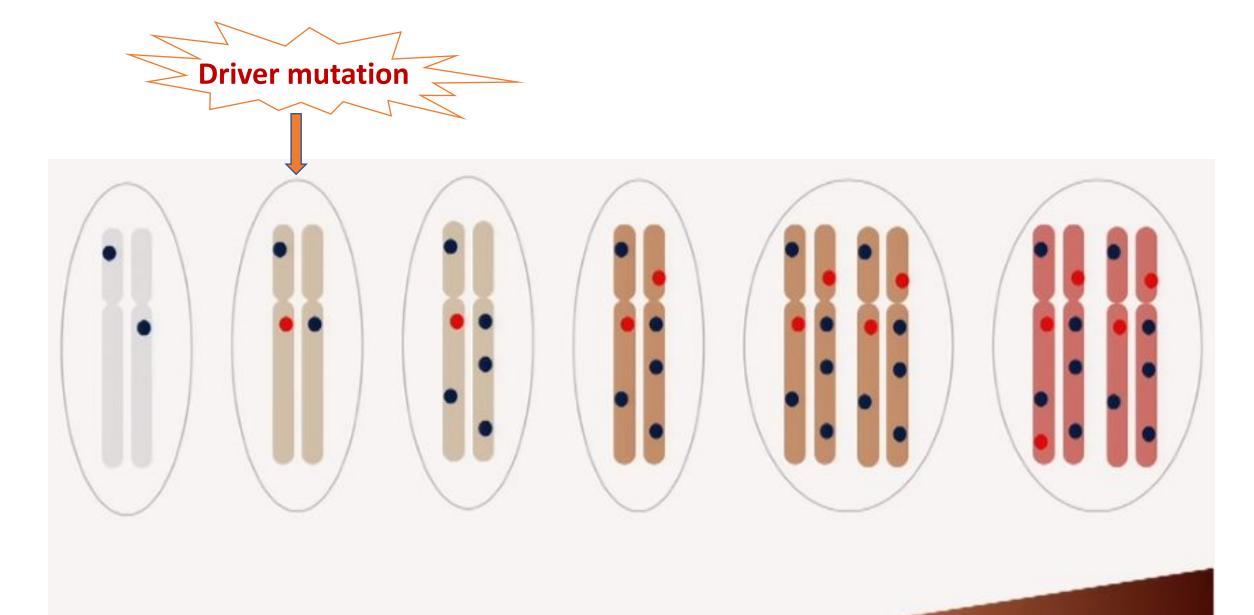




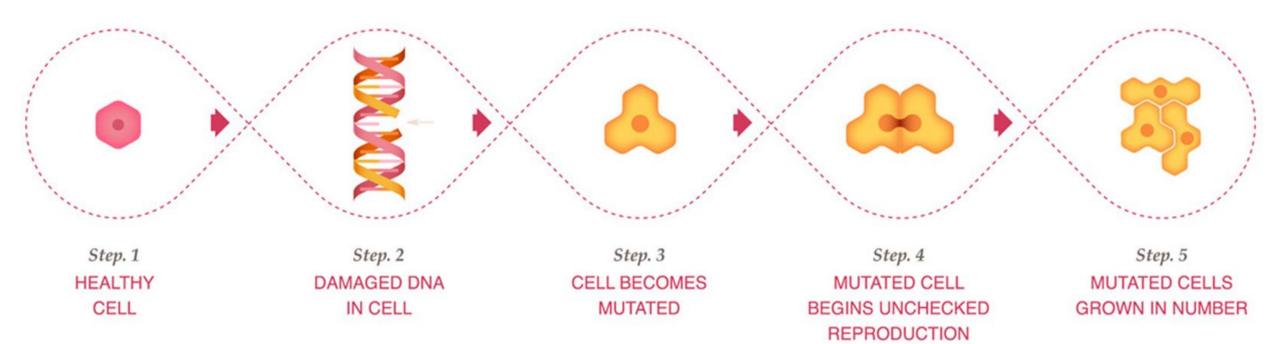
#### How does cancer start?

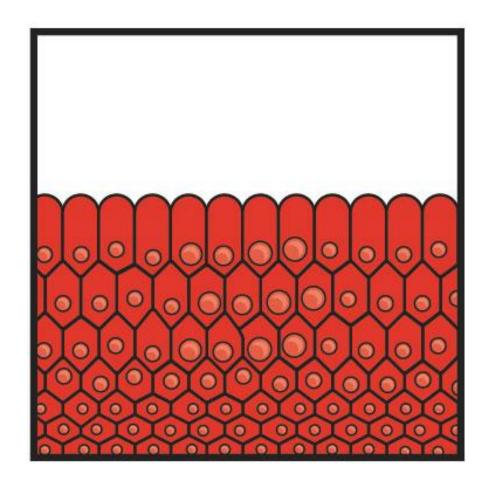
Carcinogenesis is a multi-stage process and begins with a genetic defect.

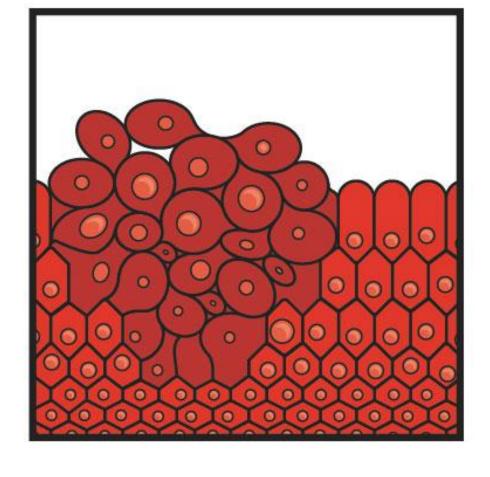




Growth

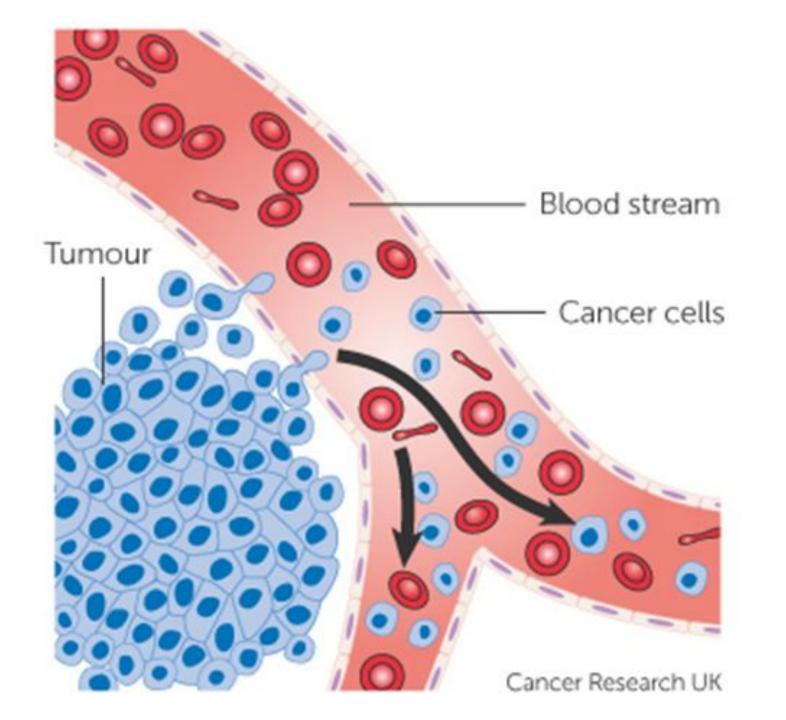






Normal cells

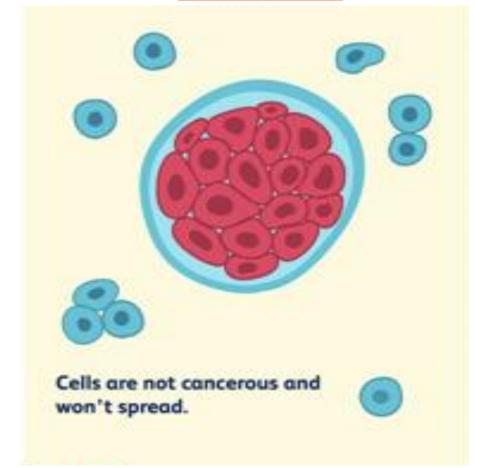
Cells forming a tumour

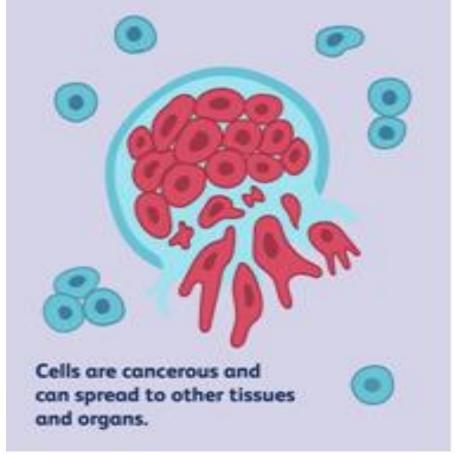


#### **Tumors**

Benign

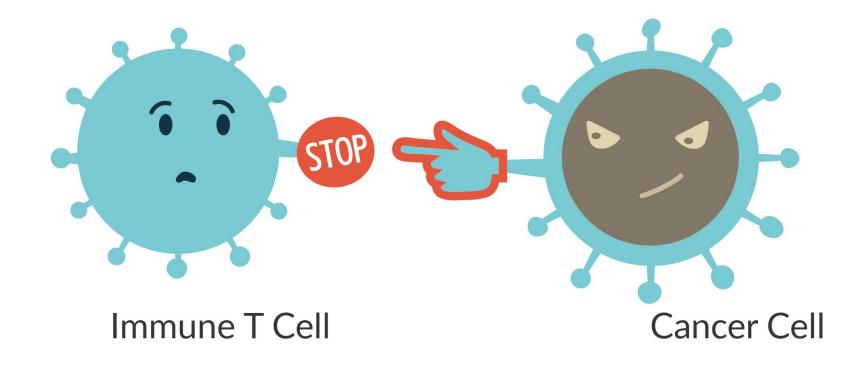
Malignant





#### How Cancer Fools the Immune System?!

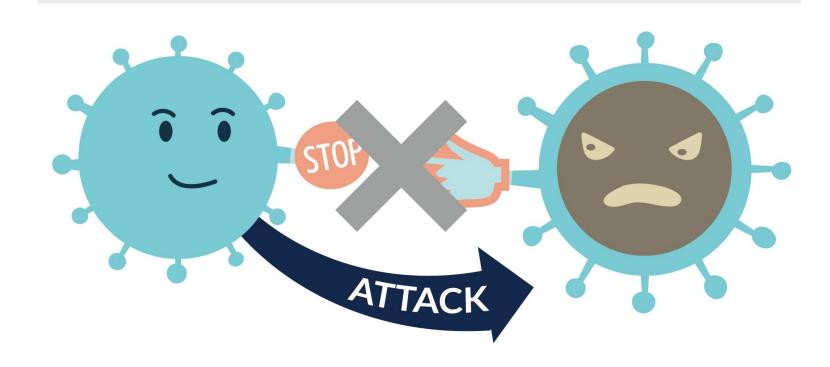
Cancer cell presses the STOP button of the immune T cell to stop the attack.



Checkpoint inhibitor blocks the STOP button, "taking the brakes off immune."



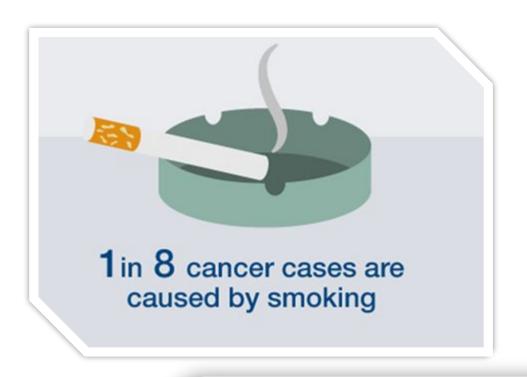
Immune T cell is re-activated and can start attacking cancer cells.

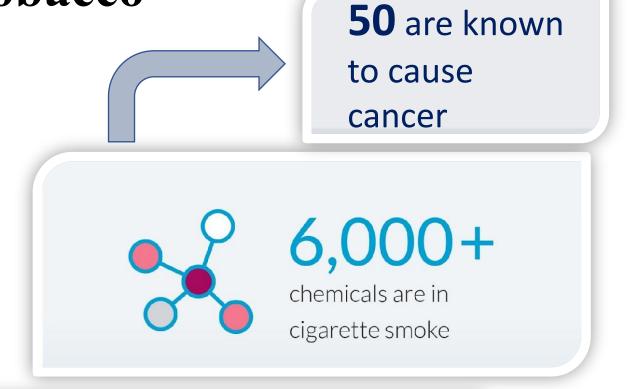


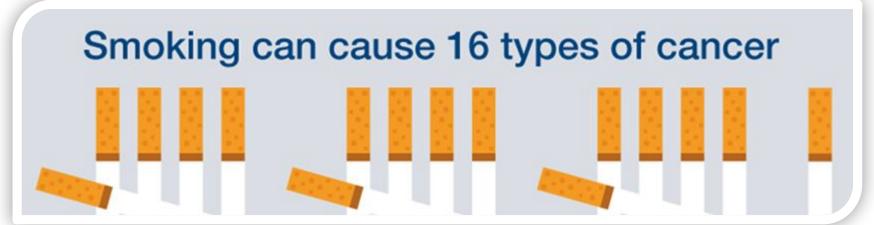
#### 4 IN 10 CANCERS CAN BE PREVENTED



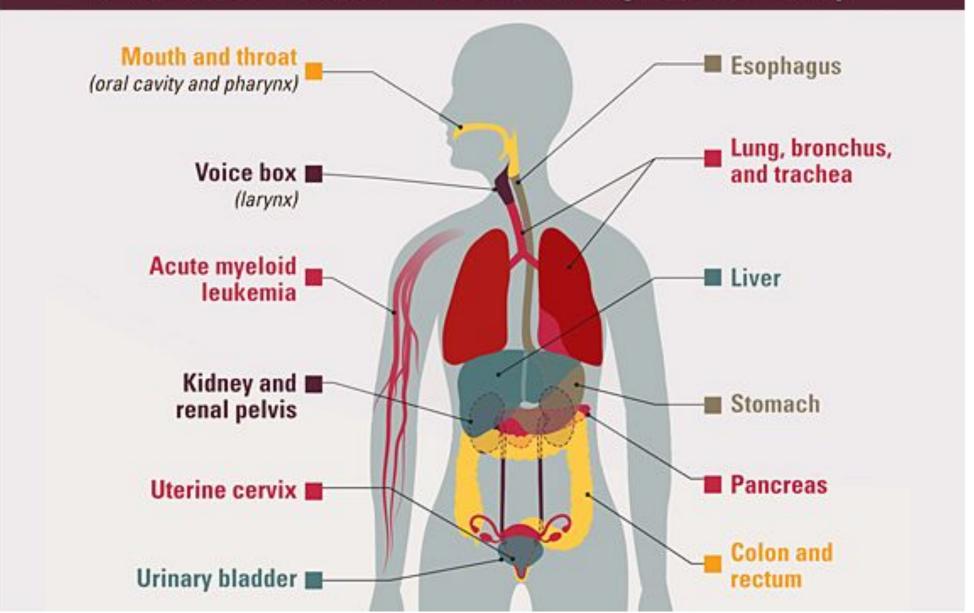
#### 1. Tobacco



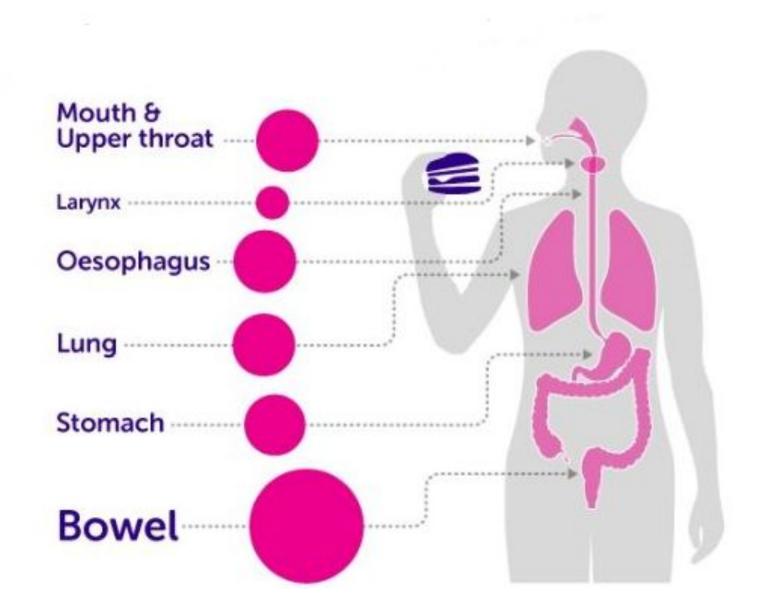




### Tobacco use\* causes cancer throughout the body.



#### 2. Physical inactivity, obesity



#### Weight Management Tips





Eat more fruits and vegetables, lean protein and whole grains.

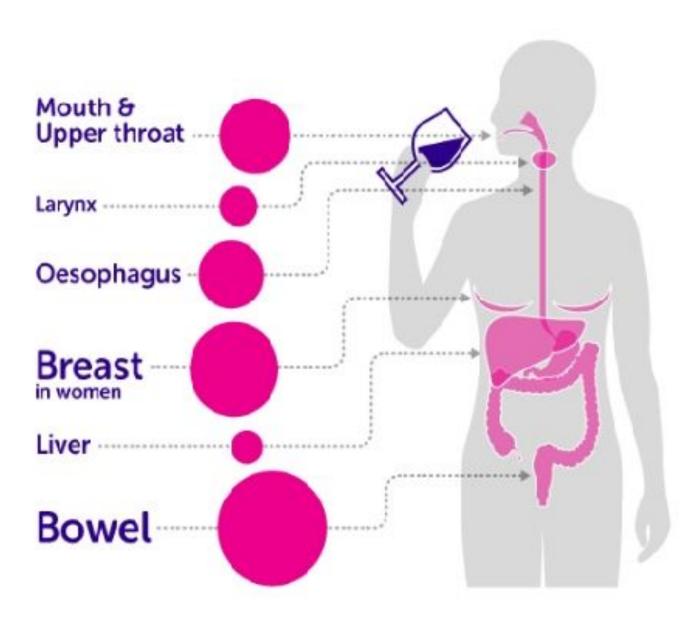


Limit your intake of trans fats, refined sugar and salt.

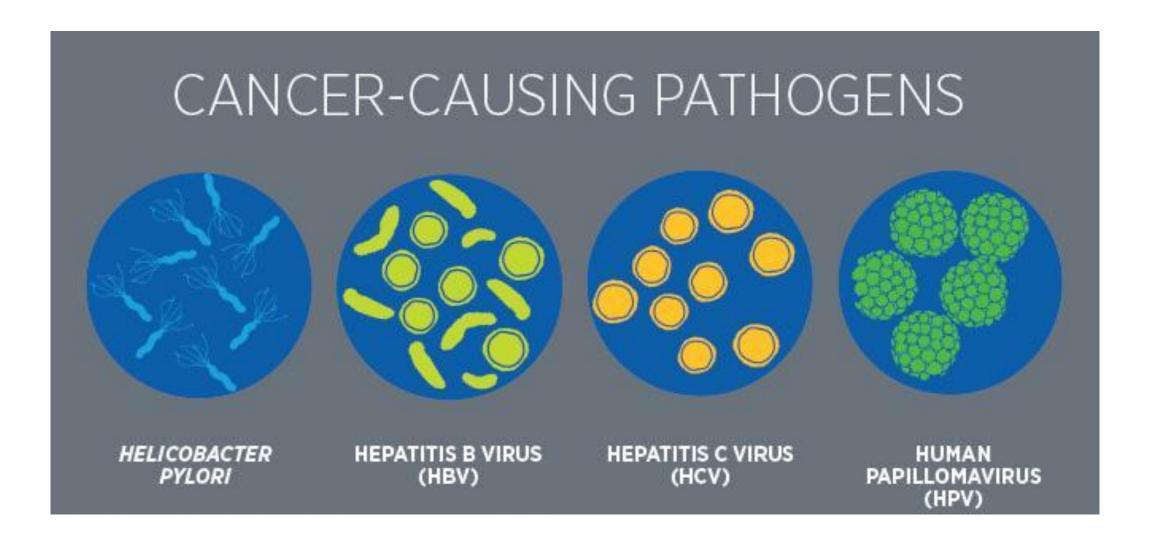


Eat according to your body weight and level of physical activity.

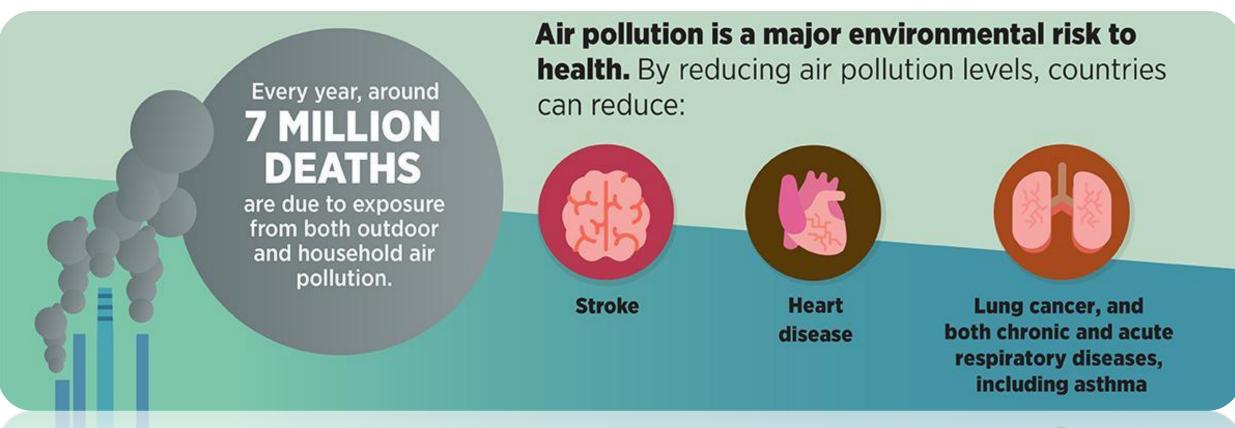
#### 3. Alcohol use



#### 4. Infections



#### 5. Environmental pollution

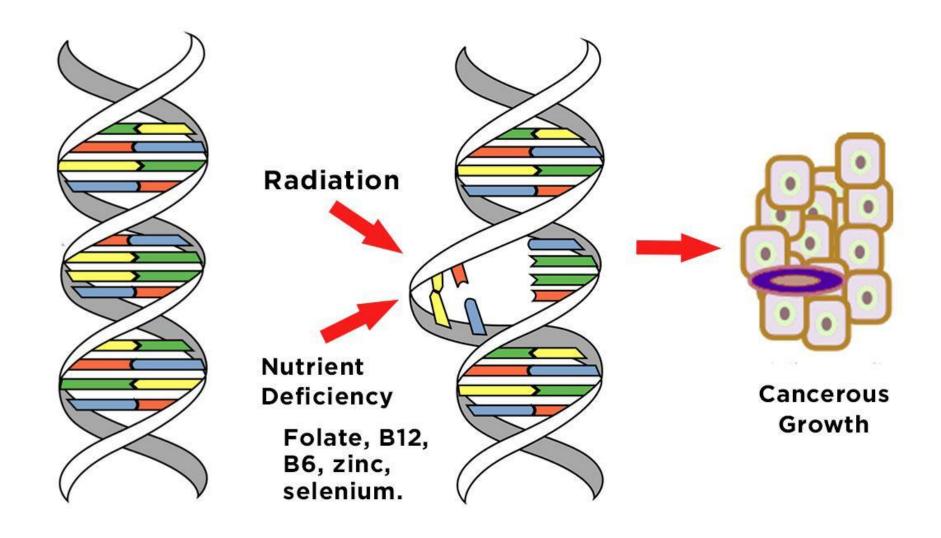


ooth chronic and acute respiratory diseases, including asthma

disease

Lung cancer, and

#### 6. Radiation



# WE CAN





PREVENT CANCER

## Thanks for your attention!

